in speaking of Aletris farinosa, the writer states, that the Aborigines made use of "the roots of Tythymal, of which there are two sorts, the one *flore minimo herbaceo*, the other *flore albo*. The flower of this last," he says, "is small, but large in comparison with the other. They are *repentes*, and grow in old manured grounds. They chiefly make use of the latter of these, and it is a most excellent purge, though it sometimes vomits. It is quick but moderate in its effect, and has this peculiarity, that it opens the body, when other more violent purgatives will not move it." We might safely conclude that the white flowering species, here noticed, is the Euphorbia corollata, were it not for the term *repentes* applied to both plants. It is not improbable that in this respect, the writer might have been misinformed.

Pursh informs us that Euphorbia corollata grows in dry fields from Canada to Carolina. I have never met with it north of Pennsylvania. The drawing which illustrates our description is from a specimen cultivated in the Botanic garden at Cambridge. It is a tall, erect plant, from one to five feet in height, resembling, at a distance, some of the white flowering *corymbiferæ*. It begins to flower in June, but is not fully expanded until July or August. Its specific

character is as follows. *Umbel five rayed, three parted, dichotomous; leaves and involucra oblong, obtuse; segments of the calyx obovate, petaloid, coloured.* The shape of the leaves is subject to variety, as is also their smoothness or hairiness.

This plant has a large branching root which sends up a number of stems, frequently from two to five feet in height. They are erect, round and in most instances simple. The leaves are scattered, sessile; oblong, obovate or linear, a little revolute at the margin, smooth in some plants, very hairy in others. The stem divides at top into a large five rayed umbel, supported by an involucrum of as many leaves. Not unfrequently a small axillary branch or two arise from the sides of the stem below the umbel. The rays of the umbel are repeatedly trifid or dichotomous, each fork being attended by two leafets and a flower. The top of the stem or centre of the umbel is turgid, and often bears a precocious flower. The calyx is large, rotate, white, with five obtuse petal-like segments, from which the name of the species has been taken. The nectaries or inner segments are five, very small, obtuse projections situated at the base of the segments. Stamens a dozen or more emerging two or three at a time, with double anthers,